

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

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In the Matter of:

AN INVESTIGATION AND REVIEW OF )  
LOUISVILLE GAS AND ELECTRIC COMPANY'S ) CASE NO. 9243  
CAPACITY EXPANSION STUDY AND THE NEED )  
FOR TRIMBLE COUNTY UNIT NO. 1 )

O R D E R

IT IS ORDERED that Louisville Gas and Electric Company ("LG&E") shall file an original and 12 copies of the following information with the Commission by July 3, 1985, with a copy to all parties of record. Each copy of the data requested should be placed in a bound volume with each item tabbed. When a number of sheets are required for an item, each sheet should be appropriately indexed; for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to insure that it is legible. Where information requested herein has been provided, reference may be made to the specific location of said information in responding to this information request.

1. Provide support for the statement at page 2 of the January 1985 LG&E Load Forecast by Stone and Webster ("S&W") that the population projections obtained by S&W and the University of Louisville, Urban Study Center, "are very similar."

2. At page 1 of Exhibit 3, efficiency improvement rates are provided for various appliances. What is the source of these figures? Provide the sources to support these figures.
3. Provide support for the statement at the top of page 8 "that all new customers through 1990 and 70 per cent of new customers after 1990 are expected to be total electric."
4. Why was the 1983 coincidence factor of .858 used to convert forecasted non-coincident peaks to system coincident peaks? (See Exhibit 14.)
5. Provide support for the assumption on page 31 that electric prices will increase 2.5 per cent per annum in real terms from 1984 to 1988 and at .5 per cent per annum thereafter.
6. Provide support for the assumption on page 31 that natural gas prices will be flat through 1985, increase at a real annual rate of 1 per cent for the 1980's and at 2 per cent for the 1990's.
7. Provide support for the statement on page 31 that "historically, personal income in the Louisville area has tracked national income."
8. On page 32, Equation 3, which was used to forecast commercial employment for Jefferson County, is provided. What is the source of the total wage and salary employment (JWS) forecasts used

in the equation to forecast commercial employment? Provide the source which supports these forecasts of JWS.

Done at Frankfort, Kentucky, this 21st day of June, 1985.

PUBLIC SERVICE COMMISSION

Richard D. Haman  
For the Commission

ATTEST:

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Secretary